

## CURRICULUM VITAE

1. **Family name:** SILANO
2. **First names:** Vittorio
3. **Date of birth:** 11 December 1940; Naples (Italy)
4. **Nationality:** Italian
5. **Civil status:** Married
6. **Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained
University of Naples (Italy) (1959- 1965)	University degree in <u>Chemistry</u>
Italian Ministry of Education - (1969)	High School Teaching Qualification in "Chemistry and Laboratory"
University of Rome, La Sapienza (Italy) (1971)	University Teaching Qualification in <u>Applied Biochemistry</u>
University of Rome, La Sapienza (Italy) (1976)	Confirmation of the University Teaching Qualification in <u>Applied Biochemistry</u>

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
French	2	2	2
German			
Spanish	3	3	3
Italian ...	Mother tongue	Mother tongue	Mother tongue

8. **Membership of professional bodies:** Italian Society of Toxicology

- A. With the Decree of the President of the Republic of Italy, issued the 4<sup>th</sup> December 1990, Vittorio Silano was bestowed the "Gold Medal of Public Health Merit";
- B. On the 7<sup>th</sup> February 1992, Vittorio Silano was appointed by the Government of France as Officer of the Order of "Agricultural Merit";
- C. In 1992, Vittorio Silano received the "Montefredine" award of the National Association of Chemists and Hygienists;
- D. In 1996, Vittorio Silano has been bestowed the "Gold Medal" of the "Foyer des Artists" for his achievements in the field of public health.

9. **Other skills:**

- E. Vittorio Silano has also been the editor-in-chief of the EFSA Journal and chairman of the editorial board; Moreover he is participating or has participated in the work of editorial boards of many others scientific journals ( e.g. Nutrafoods, Food Additives and Contaminants; Plant Food and Human Nutrition; Toxicology and Industrial Health; Toxicology and Ecotoxicology and Environmental safety ) ;.
- F. Vittorio Silano has published in international journals more than 230 scientific papers, mainly dealing with alpha-amylase inhibitors in cereals, cereal proteins toxic in celiac diseases, chemical contaminants, safety of botanicals and botanical preparations and public health. Moreover, he has published more than 25 books mainly dealing with food safety scientific and regulatory issues;
- G. Good computer skill; Word;, Excel; outlook and others.
- H. V.Silano has already experience of participation in BTSF Programme

**10. Present position:** **Contract:** Professor on "E.U. Food Safety Legislation, at the Medical School, II University of Rome (Italy)

**11. Years within the firm:** **N.A.**

**12. Key qualifications:**

(i) RISK ASSESSMENT IN THE FOOD/FEED CHAIN; (ii) TOXICOLOGY; (iii) ENVIRONMENTAL RISK ASSESSMENT; (iv) INVESTIGATION ON CELIAC DISEASES; (v) FEED AND ANIMAL NUTRITION; (vi) FOOD HYGIENE;(vii) CHEMICAL CONTAMINANTS; (viii) PLANT PROTECTION PRODUCTS ; and (ix) EXPERIENCE IN PEER REVIEWING

### 13. Specific experience:

Country	Date from - Date to	Description
Italy and other European Union Member States	From 1968 to present	See below
Turkey	2012	See below
China	From 2003 to 2006; 2009	See below
Albania	From 1998 to 2001	See below

### 14. Professional experience

Date from – Date to	Location	Company	Position	Description
Most recent experience at the top				For each job, please describe your specific tasks and responsibilities and highlight the key points proving your ability to be selected as trainer for the lot you are applying for
2012	Turkey (Ankara)	European Union/Republic of Turkey	Food expert and team leader	Specific Contract N° ALTUN/TANRA/TR 2010/0740.01-2/FWC/009 –“TECHNICAL Assistance to Ministry of Food, Agriculture and Livestock for determination of the needs of <b>the Risk Assessment Department</b> . Two documents have been produced : “the Final Report” and “the risk Assessment Manual in the Food/Feed Chain in Turkey”.
2012-ongoing	Italy	European Food Safety Authority (EFSA)	Food Safety Expert	Member of the CONTAM Panel of the European Food Safety Authority (EFSA). Currently, the Panel is working on risk assessment of many contaminants, i.e.: (i) tropane alkaloids in food and feed ; (ii) Aspergillus toxin; (iii) Brominated flame retardants; (iv) Dioxins; (v) Fusarium toxins; (vi)Nivalenol in food and feed; (vii)Beauvericin and Ennantins; (viii) Diacetoxyscirpenol in feed and food; (ix) Moniliformin in feed and food ; (x) Meat Inspection; (xi) Chromium, Nickel and Mercury in food; (xi) Reference points for action and previous cargoes
1995-on going	Italy	II University of Rome-Medical School	Contract Professor	Lecturer on “ European Union Food Safety Legislation” The course starts from Regulation 178/2002 and covers all the different regulations adopted so far, including the food safety regulations, the nutritional ones and those concerning consumer’s information.
1 July 2003-	Italy	EFSA	Chairman of the	V.Silano has been for 9 years the chairman of the Scientific Committee of the European

1 July 2012			Scientific Committee	<p>Food Safety Authority. In this role, Vittorio Silano has chaired more than 50 Meetings of the Scientific Committee and participated in more than 200 working groups on a variety of food/feed safety related subjects.</p> <p>Main achievements of this work include the development of set of different guidelines, currently implemented by EFSA, to ensure transparency and improving quality of specific components of risk assessment as well as scientific guidelines on how to:</p> <ul style="list-style-type: none"> <li>(i) assess the risk of genotoxic and carcinogenic substances;</li> <li>(ii) identify emerging risks;</li> <li>(iii) evaluate the qualified presumption of safety of microorganisms;</li> <li>(iv) apply the benchmark dose approach;</li> <li>(v) to carry out risk/benefit assessment of food;</li> <li>(vi) to carry out the 90-day toxicity test on whole food/feed;</li> <li>(vii) to carry out genotoxicity testing;</li> <li>(viii) to assess safety of botanical food supplements;</li> <li>(ix) how to make use of the “Threshold of Toxicological Concern” method to assess risk of food.</li> </ul> <p>Among others, V. Silano has also given several speeches (e.g. in Poland and in Parma) to food/feed safety officers from accession countries to explain how the EU food safety system works.</p>
September 2009	China	Orange House	Expert on food safety	Assisting the Government of China on behalf of the EU with the implementation of the new food and feed safety law. Main risk assessment issues have been dealt with especially in relation to emerging risks, botanical food supplements and EFSA’s structure and working modalities.
2005-2009	Italy and EU	Ministry of Health of Italy	Team Leader/Food Safety Expert	Coordinating the activities of the Competent Authorities of all the 27 EU Member States and several European Agencies and International Organizations (including EFSA and WHO) for the preparation of the Global Report on “Health Status in the European Union” in the framework of the Community Public Health Program ( <a href="http://www.eugloreh.it">www.eugloreh.it</a> ). Among other subjects, this Report addresses nutritional imbalances and food allergies as well as food/feed and water contamination as factors contributing to disease burden in the European Union. The performance of this project required extensive interactions with competent Authorities in the EU Member States in order to provide harmonized and significant data. A very large number of experts have been coordinated to produce this Report.
2005-2007	UK (London)	EMEA	Expert	V. Silano represented Italy in the Herbal Medicinal Products Committee of the EMEA (currently EMA). This Committee is in charge for producing monographs on botanical products used in some EU countries as traditional medicinal products and in other EU

				countries as food supplements.
2003-2007	Italy	Ministry of Health of Italy	Head of the Department of Innovation	<p>This Department of the Italian Ministry of Health included the following General Directorates: General Directorate for Health Research; General Directorate for Drugs and Medical Devices and General Directorate for Organization, Budget and Personnel.</p> <p>In addition to ensuring a very satisfactory functioning of the Ministry machinery, the work was focussed extensively in increasing the available budget for health research and administering it in an effective manner and on medicinal products. Moreover, V.Silano was assigned by the Minister of Health the special task of coordinating all the European and International activities of the Ministry.</p> <p>During the Italian Presidency of the EU Council (Second Semester 2003), V. Silano was chairing the Council Working Groups on Public Health and the Council Pharmaceutical Working Group. Moreover an intensive health related bilateral cooperation project was implemented between China and Italy during this period over about three years.</p>
2006	Sweden	European Centre for Diseases Control (ECDC)	Chairman of the Panel on "Avian Influenza"	Vittorio Silano was appointed as chairman of the European Centre for Diseases Control (ECDC) Panel on "avian Influenza" for the all duration of the mandate of such a Panel (about 8 months)
2003-2006	China	Ministry of Health of Italy	Food Safety Expert	The purpose of this activity was to assist the Government of China in further translating in an occidental context the products of the traditional Chinese medicine and in demonstrating their efficacy. As it is well known , these products find their way into the European market largely as food supplements .
March 2001- July 2003	Italy	Ministry of Health of Italy	Head of the Department for Human Health Protection, Veterinary Public Health and International Relations	<p>This role implied the responsibility of coordinating all the technical structures of the Italian Ministry of Health.</p> <p>V. Silano was responsible for coordinating all the regulatory, scientific and administrative food/feed related functions of the Italian Ministry of Health of Italy.</p>
1997-2003	Belgium (Bruxelles)	European Commission(D:	Vice-chairman of the Scientific	The Scientific Steering Committee had the task of coordinating all the Commission's sectoral Committees in the food/feed sectors. Moreover, the SSC carried out most of the scientific

		G:XXIV-SANCO)	Steering Committee	work on BSE through an ad hoc Working Group chaired by V.Silano.
March 1998-March 2003	Italy	Ministry of Health of Italy	Director General	Directorate for International Relations and Community Policies. During this period , V.Silano was in charge for coordinating the European, international and bilateral activities of the Italian Ministry of Health In particular , an intensive health related bilateral cooperation project was implemented between Albania and Italy during this period over a few years .
1998-2001	Albania	Ministry of Health of Italy	Health Policy expert	During this period, Vittorio Silano assisted the Ministry of Health of Albania in improving the approach to health protection. In this activity, V.Silano greatly benefitted from the fact that some years before he had produced for WHO/EURO e report in four different languages on "Health and Health services in Albania"
November 1989-November 1995	Italy	Ministry of Health of Italy	Director General	Directorate for Food Hygiene and Nutrition. Managing the Ministerial Structure in charge for risk assessment and management at a National level in Italy In fact, at that time, V.Silano was not only Director General of the Ministerial Directorate competent for food safety, but also chairman of the Scientific Commission for the evaluation of pesticides safety and of the Scientific Commission on Dietetic Products.  During this period, V. Silano participated in the work carried out at Bruxelles for the adoption of Directive 93/43/CE concerning HACCP and supervised its implementation in Italy. Moreover, a nation-wide information campaign was implemented in Italy over a few years.
1992-1993	Italy	University of Pisa, Faculty of Science	Lecturer	Environmental Toxicology focussing on human exposure pathways to environmental contaminants through food and other sources and associated health risks.
1991-1992	Italy	Il University of Rome	Lecturer	Nutritional Biochemistry course focusing on the role of nutrients in food, minimal requirements and associated diseases in case of inadequate intakes.
1986-1989	Italy	Ministry of the Environment	Director General	Environmental Pollution Prevention and Reclamation Service. Many new regulations were adopted at that time especially on waste disposal and environmental reclamation

1968-1986	Italy	Italian National Institute of Health Istituto Superiore di Sanità	Researcher, Head of Unit and ,since 1982, Director of the Laboratory of Comparative Toxicology and Ecotoxicology	This Institute was the technical and scientific arm of the national Health Service in Italy, also advising , on demand, the Italian Ministry of Health on food/feed safety issues. A very important feed safety issue dealt with by V. Silano was at the time the risk assessment carried out on a microbial biomass grown on <i>Candida</i> strains proposed by a private company as animal feed.
1985	France(Paris)	OECD	Chairman of an ad hoc meeting	The Meeting was on hazard assessment of existing chemicals
1982-1985	Italy	Postgraduate School of toxicology, Faculty of Pharmacy, University of Milan	Lecturer	Toxicology course mainly focussing on food safety
1979-1987	Belgiuym (Bruxelles)	European Commission	Member, Vice-chairman, between 1982 and 1985, and Charman between 1985 and 1987 of the EEC Scientific Committee for Food	This committee has been advising for many years the european commission on the safety of a variety of chemical substances, including food additives, contaminants and food packaging materials, as well as on the safety of food treatment processes such irradiation.
1982-1984	France (Paris)	OECD	Chairman of a working Group	The working Group was in charge of defining the critereia to set priorities among existing chemicals for health purposes
1982	Denmark (Copenhagen)	WHO/EURO	Consultant in Toxicology	V. Silano worked on several differe3nt subjects related to food safety
1972-1981	Italy	University of Rome. Faculty of Pharmacy	Lecturer	Biochemistry and Human Nutrition
Oldest experience				

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**15. Other relevant information : The scientific and technical publications of V. Silano between 1966 and 2012 are as follows:**

**1966**

1. Pocchiari, F., Santi, R. and Silano, V. (1966) - Effetto dell'Atractiloside e dell'Insulina sul metabolismo del glucosio nel muscolo diaframma di ratto in vitro. Annali Istituto Superiore Sanità. 2., 304-309

**1967**

2. De Cillis, U., Pocchiari, F. and Silano, V. (1967) - Composizioni elettroforetiche di estratti proteici di Triticum aestivum e di Triticum durum. Annali Istituto Superiore Sanità. 3., 559-563.
3. Silano, V., D'Errico, A.M., Muntoni, F. and Pocchiari, F. (1967) - Indagini elettroforetiche sui cereali. I. riconoscimento e dosaggio dell'orzo nelle farine e nelle paste alimentari. Annali Istituto Superiore Sanità. 3, 753 -767.

**1968**

4. Pocchiari, F. and Silano, V. (1968) – Effect of atractyloside on glucose and pyruvate metabolism in rat diaphragm muscle. Biochem. J. 107, 305-3
5. Pocchiari, F., Busellu, A. and Silano, V. (1968) - Effect of atractyloside on glutamate and pyruvate metabolism in rabbit kidney cortex slices. Annali Istituto Superiore Sanità. 4, 545-550.
6. Silano, V., De Cillis, U., Deponte, R., D'Errico, A.M. and Pocchiari, F (1968) - L'analisi delle composizioni elettroforetiche di estratti proteici albuminici e globulinici nella differenziazione del Triticum aestivum dal Triticum durum. Ricerca Sci. 38, 745-748.
7. Silano, V., D'Errico, A.M., Pocchiari, F., F., Tassi-Micco, C. and Muntoni, F. (1968) - Indagini elettroforetiche sui cereali. II. Riconoscimento e dosaggio del grano tenero in sfarinati e paste alimentari. Annali Istituto Superiore Sanità. 4, 641-643.
8. Ballio, A., Graniti, A., Pocchiari, F. and Silano, V. (1968) - Some effects of Fusicoccin A on tomato leaf tissues. Life Sci. 7, 751-760.
9. Silano, V., D'Errico, A.M., Micco, C., Muntoni, F. and Pocchiari, F. (1968) - Egg content of noodles by quantitative analysis of characteristic proteins of the eggs. J. A. O. A. C. 51, 1213-1216.

**1969**

10. Silano, V., De Cillis, U., and Pocchiari, F. (1969) - Varietal differences in albumin and globulin fractions of Triticum aestivum and Triticum durum. J. Sci. Food Agric. 20, 260-261.
11. Centi-Grossi, M., Tassi-Micco, C. and Silano, V. (1969) - Albumin fractionation of green coffee seed varieties by acrylamide gel electrophoresis. Phytochemistry. 8., 1749-1751.
12. Tassi-Micco, C., Centi, C. and Silano, V. (1969) – Controllo della genuinità dei campioni commerciali di pepe mediante l'analisi elettroforetica degli estratti proteici. Annali Istituto Superiore Sanità. 5, 215-217
13. D'Errico, A.M., D'Innocenzio, F., Micco, C., Sodini, G. and Silano, V. (1969) - Indagini elettroforetiche sui cereali. III. Un metodo rapido per il riconoscimento e dosaggio del grano tenero in sfarinati e paste alimentari. Annali Istituto Superiore Sanità. 5, 425-431
14. Cantagalli, P., Piazzini, S.E., Sordi, S., Pocchiari, F. and Silano, V. (1969) - Metodo immunochimico per il riconoscimento e dosaggio del grano tenero in sfarinati e paste alimentari. Annali Istituto Superiore Sanità. 5., 628-630.



15. Silano, V. (1969) - Il riconoscimento ed il dosaggio del grano tenero in sfarinati e paste alimentari mediante valutazione di proteine specifiche. In: "Tavola Rotonda su: Aspetti scientifici e legislativi del controllo degli sfarinati e paste alimentari". (a cura di V. Silano) Annali Istituto Superiore Sanità. 5, 406-407.

#### 1970

16. Sodini, G., Silano, V., De Agazio, M., Pocchiari, F., Tentori, L. and Vivaldi, G. (1970) - Purification and properties of a Triticum aestivum specific albumin. Phytochemistry. 9., 1167-1172 .
17. Petrucci, T., De Ciliis, U., Pocchiari, F. and Silano, V. (1970) - Indagini elettroforetiche sui cereali. IV. Confronto delle composizioni elettroforetiche degli estratti albuminici dell'endosperma della cariosside di Triticum aestivum e Triticum durum. Sci. Aliment. 3., 99 -101.
18. Di Giorgio, G., Ravaioli, L., Silano, V. and Tiecco, G. (1970) - Determinazione della specie zoologica delle carni mediante analisi delle composizioni elettroforetiche degli estratti proteici. Veterinaria Italiana. 21, 459-470.
19. Mastrilli, M.L., Saccà, G. and Silano, V. (1970) - Differentiation of some taxonomic groups of arthropoda by disc-electrophoretic analysis of protein extracts. Rivista di Parassitologia. 31, 215-219.
20. Martinelli, G., Minetti, M., Pocchiari, F. and Silano, V. (1970) - Indagini elettroforetiche sui cereali. V. Analisi degli essudati proteici della cariosside di frumento. Annali Istituto Superiore Sanità. 6., 377-379.

#### 1971

21. Minetti, M., Petrucci, T., Pocchiari, F., Silano, V. and Avello, R. (1971) - Varietal differences in water-soluble gliadin fractions of Triticum aestivum and Triticum durum. J. Sci. Food. Agric. 22, 72-74.
22. Ballio, A., Pocchiari, F., Russi, S. and Silano, V. (1971) - Effects of Fusicoccin and some related compounds on etiolated pea tissues. Physiol. Plant Pathology. 1., 95-103.
23. Cantagalli, P., Di Giorgio, G., Morisi, G., Pocchiari, F. and Silano, V. (1971) - Purificazioni and properties of three albumins from Triticum aestivum seeds. J. Sci. Food. Agric. 22, 256-259.
24. Pocchiari, F. and Silano, V. (1971) - A specific color reaction of albumin, globulin and gliadin, preparations from wheat. Cereal Chem. 48, 445-447.
25. Cantagalli, P., Di Giorgio, G., Pocchiari, F. and Silano, V. (1971) - Ulteriori ricerche sulla differenziazione delle albumine della cariosside di Triticum aestivum da quelle di Triticum durum. Sci. Aliment. 17, 88-90.

#### 1972

26. Piazzini, S.E., Riparbelli, G., Sordi, S., Cantagalli, P., Pocchiari, F. and Silano, V. (1972) - Immunochemical characterization of a specific albumin of bread wheat. Cereal Chem. 49, 72-78.
27. Lado, P., Pennacchioni, A., Rasi-Caldogno, F., Russi, S. and Silano, V. (1972) - Comparison between some effects of Fusicoccin and Indol-3-acetic acid on cell enlargement in various plant materials. Physiol. Plant. Pathology. 2, 75-85.

#### 1973

28. Pocchiari, F., Kasarda, D.D. and Silano, V. (1973) - Physical characterization of six amylase inhibitors from wheat. Biochim. Biophys. Acta. 317, 139-148.
29. Minetti, M., Ur Rab, A., Silano, V. and Pocchiari, F. (1973) -Further studies on a specific basic protein from bread wheat. J. Sci. Food. Agric. 24,

1397-1406.

30. Minetti, M., Petrucci, T., Cattaneo, S., Pocchiari, F. and Silano, V. (1973) - Studies of the differential staining of wheat albumins, globulins and gliadins in polyacrylamide gel electrophoresis by aniline blue black. Cereal Chem. 50, 198-209.

30. Gramenzi, F., Minetti, M. e Silano, V. (1973) - Controllo su scala nazionale della presenza di frumento tenero in paste alimentari. Boll. Lab. Chim. Prov. XXIV, 51-62.

31. Bedetti, C., Bozzini, A., Pocchiari, F., Silano, V. and Vittozzi, L. (1973) - Biochemical studies on the phylogenesis of alpha-amylase protein inhibitors from wheat seed. In "Proceedings of the symposium on genetics and breeding of durum wheat", 71-78.

#### 1974

32. Auricchio, S., De Viria, D., Carta-De Angelis, L. and Silano, V. (1974) - Alpha-amylase protein inhibitors from wheat in coeliac disease. Lancet. I, 98.

33. Petrucci, T., Tommasi, M., Cantagalli, P. and Silano, V. (1974) - Physico-chemical comparison of wheat albumin inhibitors of alpha-amylase and trypsin-Phytochemistry. 13, 2487-2495.

34. Bedetti, C., Bozzini, A., Vittozzi, L. and Silano, V. (1974) - Amylase protein inhibitors and the role of Aegilops species in polyploid wheat speciation. Biochim. Biophys. Acta. 362, 299-307.

#### 1975

36. Minetti, M., Morisi, G., Accardi, N. and Silano, V. (1975) - Albumin pools with different extraction behaviours in wheat seed. Cereal Chem. 52, 298-305.

37. Silano, V., Furia, M., Gianfreda, L., Macrì, A., Palescandolo, R., Rab, A., Scardi, V., Stella, E., and Valfré, F. (1975) - Inhibition of alpha-amylase from different origins by albumins from the wheat kernel. Biochim. Biophys. Acta. 391, 170-178.

38. Buonocore, V., Poerio, E., Gramenzi, F. and Silano, V. (1975) - Affinity column purification. of amylases on protein inhibitors from the wheat kernel. Chromatog. J., 114, 109-116.

39. Silano, V. (1975) - Dosaggio del frumento tenero in sfarinati e paste alimentari. Boll. Lab. Chim. Prov. 26, 338-354.

40. Silano, V. (1975) - Gli alimenti non convenzionali: problemi e prospettive. In "Atti del Convegno "L' alimentazione e la crisi produttiva in agricoltura". Biol. Contem. 32-42.

#### 1976

41. Vittozzi, L. and Silano, V. (1976) - The phylogenesis of protein alpha-amylase inhibitors from wheat seed and the speciation of polyploid wheats. Theor. Appl. Genet. 48, 279-284.

42. Deponte, R., Parlamenti, R., Petrucci, T., Tomasi, M. and Silano, V. (1976) - Albumin alpha-amylase inhibitor families from wheat kernel. Cereal Chem. 53, 805-820.

43. Petrucci, T., Rab, A., Tomasi, M. and Silano, V. (1976) - Further characterization studies of the alpha-amylase protein inhibitor of gel electrophoretic mobility 0.19 from the wheat kernel. Biochim. Biophys. Acta. 420, 288-297.

44. Buonocore, V., Poezio, E., Silano, V. and Tomasi, M. (1976) - Physical and catalytic properties of alpha-amylase from T. molitor L. larvae. Biochem. J. 153, 621-625.

45. Pace, W., Di Marzio, G., Mastrantonio, P., Morisi, G. and Silano, V. (1976) - Detection and assay of single cell products in blend with animal

feeds. J. Sci. Food. Agric. 27, 315-323.

46. Vittozzi, L., Morisi, G. and Silano, V. (1976) - Continuous automated assay of alpha-amylase inhibitors., J. Sci. Agric. 27, 449-453.

47. Buonocore, V., Poerio, E., Pace, W., Petrucci, T., Tomasi, M. and Silano, V. (1976) - Interaction of Tenebrio molitor L. alpha-amylase with a highly purified albumin inhibitor from wheat flour coded as 0.19. FEBS letters. 67, 202-206.

48. D'Agnolo, G. and Silano, V. (1976) - Struttura, funzione e meccanismi di regolazione degli enzimi. Atti delle XVIII Giornate Mediche di Montecatini. 1-22.

#### 1977

49. Buonocore, V., Petrucci, T. and Silano, V. (1977) - Wheat protein inhibitors of alpha-amylase. Phytochemistry. 16, 811-820.

50. Buonocore, V., Deponte, R., Gramenzi, F., Petrucci, T. Poerio, E. and Silano, V. (1977) - Purification and properties of alpha-amylase from chicken (Gallus gallus L. ) pancreas. Cell. Mol. Biochem. 17, 11-16.

51. Buonocore, V., Poerio, E. and Silano, V. (1977) - A model for the interaction of wheat monomeric and dimeric inhibitors with alpha-amylase. Cell. Mol. Biochem. 18, 87-91.

52. Macrì, A., Parlamenti, R., Valfré and Silano, V. (1977) - Adaptation of the domestic chicken (Gallus domesticus) to continuous feeding of albumin amylase inhibitors from wheat flour as gastro-resistant micro-granules. Poultry Sci. 56, 434-441.

53. Buonocore, V. and Silano, V. (1977) - Fattori antinutrizionali nei cereali. Scienze. 103, 23-29.

54. Silano, V., (1977) - Factors affecting digestibility and availability of proteins in cereals. In: "Proceedings of FAO/IAEA Advisory Group Meeting on evaluating the nutritional quality of mutants with altered grain protein characteristics". IAEA 18-65.

#### 1978

55. Petrucci, T., Sannia, G., Parlamenti, R. and Silano, V. (1978) - Structural studies of wheat monomeric and dimeric protein inhibitors of alpha-amylase. Biochem. J. 173, 229-235.

56. Auricchio, S., De Ritis, G., De Vincenzi, M. and Silano, V. (1978) - Effects of cereal peptides on the in vitro morphogenesis of rat fetal intestine. Annali Istituto Superiore Sanità. 14, 875-882.

57. Silano, V. (1978) – Biochemical and nutritional significance of wheat albumin inhibitors of alpha-amylase. Cereal. Chem. 55, 722-731.

58. Silano, V. and Zahnley, J.C. (1978) - Association of Tenebrio molitor L. alpha-amylase with two protein inhibitors - one monomeric, one dimeric - from wheat flour. Differential scanning calorimetric comparison of heat stabilities. Biochim. Biophys. Acta. 533, 181-185.

59. Pace, W., Parlamenti, R., Ur Rab, A., Vittozzi, L. and Silano, V. (1978) – Further studies of protein alpha-amylase inhibitors from wheat flour. Cereal. Chem. 55, 244-254. Pocchiari, F., Rossi, L. and Silano, V. (1978) - I problemi per la salute dell'uomo e per la sicurezza dell'ambiente derivanti dalla produzione e dall'uso dei composti chimici, In: "La chimica e la qualità della vita". (Edizioni di Chimica), pp. 154-180.

60. Bozzini, A. and Silano, V. (1978) - Control through breeding methods of factors affecting nutritional quality of cereals and grain legumes. In: "Protein nutritive quality Improvement" (Friedman, M., Ed.) Plenum Press, New York, p. 249-274.

61. Silano, V., Vittozzi, L. and Ade, P. (1978) - Aspetti biochimici del miglioramento nutrizionale e tecnologico del frumento duro. Monografie di Genetica Agraria dell'Istituto Sperimentale per la Cerealicoltura. 155 pages.

#### 1979

63. Greally, J.F., Silano, V., et al (1983) - Allergy and hypersensitivity to chemicals. WHO/EURO. Interim Document 12. 288 pages.

64. Silano, V. (1979) – Metodo immunochimico per il riconoscimento e dosaggio delle biomasse nei mangimi. Annali Istituto Superiore Sanità. 15, 347-414.
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